



Indiana Department of Education

SUPPORTING STUDENT SUCCESS

TO: State Board of Education

FROM: Matt Fleck, Director, Division of College and Career Preparation

DATE: March 2, 2011

SUBJECT: 2009-10 Student Performance in Career and Technical Education

Approximately 20% of the funding for Indiana's Career and Technical Education (CTE) programs is provided through the federal Carl D. Perkins Act. That Act requires states to annually report CTE student performance based on specific college and career preparation measures.

The attached summary provides a comparison of student performance from the 2008-09 school year to the 2009-10 school year.

Note that the first eight performance indicators are based on "CTE concentrators" defined as any student who has earned at least six credits in any CTE course. An additional six performance indicators are based on students who enroll in at least one College and Career Pathway program offered in the junior or senior year of high school.

Several points are noteworthy:

- Graduation rates for students enrolled in CTE programs are 6% percentage points higher than the graduation rate for all students.
- CTE student performance on math and English state assessments (GQE) is significantly higher than for all students.
- The percentage of students who graduate from high school having completed a CTE program and who transition to college or become employed has dramatically increased.

Not only is the state accountable for meeting target goals for each of these indicators, each of Indiana's 49 CTE Districts are also held accountable for meeting a specific performance level with their students. This year, 11 districts (compared to only one last year) met all of the first eight student performance levels. Next year, districts will be held accountable for meeting all 14 of the indicators.

Districts which do not meet the required performance levels in any one category are required to target 10% of their federal funds to improving that student performance measure and 15% of federal funds if they fail one measure for two years.

CTE Student Performance Indicators	Indicator Description	CTE Students 2008-09	CTE Students 2009-10	All Students 2009-10
1S1 Academic Achievement in Reading/Lang Arts	Percent of CTE concentrators who have passed the English/Language Arts portion of the Graduation Qualifying Exam (GQE) by end of 10 th grade	66.8%	69.4%	55.1%
1S2 Academic Achievement in Mathematics	Percent of CTE concentrators who have passed the Mathematics portion of the Graduation Qualifying Exam (GQE) by end of 10 th grade	67.6%	68.6%	58.2%
2S1 Technical Skill Attainment	Percent of CTE concentrators who passed state-approved technical skill assessments defined for Indiana's College and Career Pathways	85.1%	92.5%	
3S1 High School Completion	Percent of CTE concentrators who earned a regular secondary school diploma.	91.7%	95.2%	
4S1 Student Graduation Rate	Percent of CTE concentrators who were included as graduates in the state's calculation.	89.5%	90.8%	84.1%
5S1 Placement	Percent of CTE concentrators who left secondary education and were placed in postsecondary education or advanced training, military service or employment in second quarter after leaving secondary education.	66.3%	84.5%	
6S1 Nontraditional Participation	Percent of CTE participants from underrepresented gender groups who participated in a program leading to employment in nontraditional fields.	29.0%	29.2%	
6S2 Nontraditional Completion	Percent of CTE concentrators from underrepresented gender groups who participated in a program leading to employment in nontraditional fields.	27.5%	25.3%	
2EXT Postsecondary Enrollment	Percent of College & Career Pathway students who graduated last year and are enrolled in postsecondary education during the current year.	45.9%	51.7%	
3EXT Pathway Match	Percent of College & Career Pathway students who graduated last year and are enrolled in postsecondary during the current year in the same major or career cluster/pathway as they were in high school.	18.2%	15.8%	
4EXT Industry Certification/Licensing	Percent of College & Career Pathway students who graduated last year with a state or industry-recognized certificate, license or credential.	1.7%	1.5%	
5EXT Dual Credits	Percent of College & Career Pathway students who graduated last year with transcribed postsecondary credits (dual credits).	7.1%	8.6%	
6EXT College Remediation	Percent of College & Career Pathway students who graduated last year and who enrolled in postsecondary remedial mathematics, writing, or reading courses upon entering postsecondary education.	24.7%	NA	

